
Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer	INDUSTEEL FRANCE ARCELOR MITTAL
Address	Site de Chateauneuf, BP 368 – Chateauneuf, 42803 RIVE DE GIER, France
Type	Steel Making Plates

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.

Approval Notes	Including plates with specified through thickness properties. Including E.A.F./Ingot Steelmaking as below
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71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Li Xu

Senior Specialist- Fracture Mechanics and Fatigue Analysis to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Plates	Normal Strength	Grades	Maximum Thickness	Units
As Rolled	Killed	A	50.00	mm
Normalized	Killed	A	400.00	mm
Plates	Higher Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al+Nb+V+Ti	DH36, DH32	25.00	mm
As Rolled	Fine Grain Al+Nb+V+Ti	AH36, AH32	35.00	mm
As Rolled	Fine Grain Al	DH32	25.00	mm
As Rolled	Fine Grain Al	AH32	35.00	mm
Normalized	Fine Grain Al+Nb+V+Ti	FH36, FH32	50.00	mm
Normalized	Fine Grain Al+Nb+V+Ti	EH32, DH32, AH32	100.00	mm
Normalized	Fine Grain Al+Nb+V+Ti	EH36, DH36, AH36	400.00	mm
Normalized	Fine Grain Al	FH32	50.00	mm
Normalized	Fine Grain Al	EH32, DH32, AH32	400.00	mm
Plates	Boiler and Pressure Vessel	Grades	Maximum Thickness	Units
As Rolled	Killed	410AR, 360AR	40.00	mm
Normalized	Fine Grain Al+Nb+V+Ti	510FG, 490FG, 460FG, 410FG, 360FG	100.00	mm
Normalized	Fine Grain Al	490FG, 460FG, 410FG, 360FG	100.00	mm
Normalized	Killed	410, 360	100.00	mm
Plates	Ferritic Low Temperature	Grades	Maximum Thickness	Units



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Normalized	Fine Grain Al+Nb+V +Ti	LTFH32, LTEH32, LTDH32, LTAH32	40.00	mm
Normalized	Fine Grain Al+Nb+Ti	LTFH36, LTEH36, LTDH36, LTAH36	50.00	mm
Normalized	Fine Grain Al	LTFH32, LTEH32, LTDH32, LTAH32	50.00	mm
Normalized	Fine Grain Al	1.5Ni	50.00	mm
Normalized and Tempered	Fine Grain Al	3.5Ni	50.00	mm
Quenched and Tempered	Fine Grain Al	9Ni	50.00	mm
Quenched and Tempered	Fine Grain Al	5Ni	50.00	mm



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